



Angelica Vecchiarelli

EDUCATION AND TRAINING

[2020 – 2023] **B.Sc. in Physics with grade 110/110 with Honors**
Facoltà di Scienze Matematiche, Fisiche e Naturali - Università La Sapienza
City: Roma | **Country:** Italy |

[2015 – 2020] **Scientific High School with grade 100/100**
Liceo Scientifico Statale Camillo Cavour
City: Roma | **Country:** Italy |

General Certificate of Education Advanced Subsidiary Level and Advanced Level (A- levels) in Mathematics
[2018 – 2019] *Cambridge International Schools*

[07/2018] **English Language course, B2 certificated**
EC International School
City: St. Julian's | **Country:** Malta |

Cambridge International General Certificate of Secondary Education (IGCSE) in Physics with grade A(a)
[2015 – 2017] *Cambridge International Schools*

Cambridge International General Certificate of Secondary Education (IGCSE) in Mathematics with grade A(a)
[2015 – 2017] *Cambridge International Schools*

Cambridge International General Certificate of Secondary Education (IGCSE) in English as a Second Language with grade C(c)
[2015 – 2017] *Cambridge International Schools*

[09/2017] **Cambridge course in Physics and Mathematics**
Kings Education
City: Oxford | **Country:** United Kingdom |

[07/2017] **English Language Course, B2 certificate**
George's Heriot's School
City: Edinburgh | **Country:** United Kingdom |

[07/2016] **English Language Course**
MLI International Schools
City: Dublin | **Country:** Ireland |

HONOURS AND AWARDS

[16/05/2024]

Scholarship "Più Donne nella Fisica" Awarding institution: INFN

"Più Donne nella Fisica" project of Istituto Nazionale di Fisica Nucleare (INFN), competition for n.25 scholarships for girl students subscribed to the Physics Master for the academic year 2023/2024.

WORK EXPERIENCE

[2021 – Current]

Maths and Physics Private Tutor

Self-employed, part-time job:

- Monitored and assessed high school and university student's performance.
- Developed lesson plans customized for student's diverse needs.

[04/2024]

Scientific Animator

Fondazione Musica per Roma

City: Roma | **Country:** Italy

Held workshops for seven days for classes of elementary schools and for children and their families about the solar system for the Istituto Nazionale Astrofisica (INAF) research institution.

PROJECTS

[2018 – 2020]

Olimpiadi di Matematica, Team competition Project

Selected and summoned in order to be one of the seven members of Liceo Cavour's team for the mathematics olympics for three different years: 2018, 2019, 2020. For each year have been reached the regional and then the provincial contest phases.

[2018 – 2019]

Lab2Go Physics

INFN project based on cataloging and re-qualification of physics laboratories in High Schools of Rome.

[2017 – 2019]

Erasmus+ YEurope

participation to an editorial team made up of students from five different countries: Italy, Spain, Germany, Estonia and Poland. Writing an European Student Magazine (ESM) by sharing the different as well as connected perspectives on the same issue.

Developed competences:

- communication in foreign languages
- digital competence
- social and civic competences
- cultural awareness

[11/2019]

National Laboratory in Frascati INFN

Daily laboratory experience about determining Plank's constant at INFN National Laboratories in Frascati, RM.

[02/2019]

Astrophysics masterclass at University Roma Tre

Piano Lauree Scientifiche, Università degli Studi Roma Tre. Daily research on extragalactic light-sources observed with NASA and ESA telescopes. Measurements of flux, redshift and luminosity.

[2019] **Olimpiadi di Matematica - Individual competition 2019**

Convocation and participation in the Provincial Selection of the Mathematics Olympiad (individual competition).

[2017 – 2018] **INGV Radon Research**

Research on the presence of gas Radon in different areas of Rome, collection of data, data analysis and writing of a scientific report in collaboration with Istituto Nazionale di Geofisica e Vulcanologia (INGV).

[11/2018] **Cultural exchange for the project Erasmus+ YEurope**

One week of cultural exchange in Barcelona, Spain.

[04/2018] **Cultural Heritage, Photogrammetry and Laser Scanning Project**

Three-dimensional mapping for cultural heritage restoration and computer programming course (ReCap) in Emilia Romagna (Reggio Emilia, Modena, Bologna), Italy.

[2017] **Olimpiadi di Matematica - Individual competition 2017**

Convocation and participation in the Provincial Selection of the Mathematics Olympiad (individual competition).

CONFERENCES AND SEMINARS

[05/2019] **International Seminary focused on Human Rights** Weimar, Germany

One week of workshops, conferences and seminary about the Human Rights.

[10/2016] **International seminary "Sound it Out 2016 - European perspectives on gender equality and girls specific youth education"**

International House of Sonnenberg, Germany

Participation to a weekly multinational conferences founded by Erasmus Plus and focused on girls work and girls empowerment.

LANGUAGE SKILLS

Mother tongue(s): Italian

Other language(s):

English

LISTENING C1 READING C1 WRITING B2

SPOKEN PRODUCTION C1 SPOKEN INTERACTION B2

Spanish

LISTENING B1 READING B1 WRITING B1

SPOKEN PRODUCTION B1 SPOKEN INTERACTION B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

My Digital Skills

Conoscenze di base di R e Python per analisi statistica e previsione di dati | Programming: C Programming | Conoscenza ed utilizzo del pacchetto Latex | Microsoft Office

Autorizzo il trattamento dei miei dati personali presenti nel CV ai sensi dell'art. 13 d. lgs. 30 giugno 2003 n. 196 - "Codice in materia di protezione dei dati personali" e dell'art. 13 GDPR 679/16 - "Regolamento europeo sulla protezione dei dati personali".

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